

# JOINT AIR FORCE / EPA REGION VI *RESTORATION SUMMIT*

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***Air Force Base Conversion Agency***



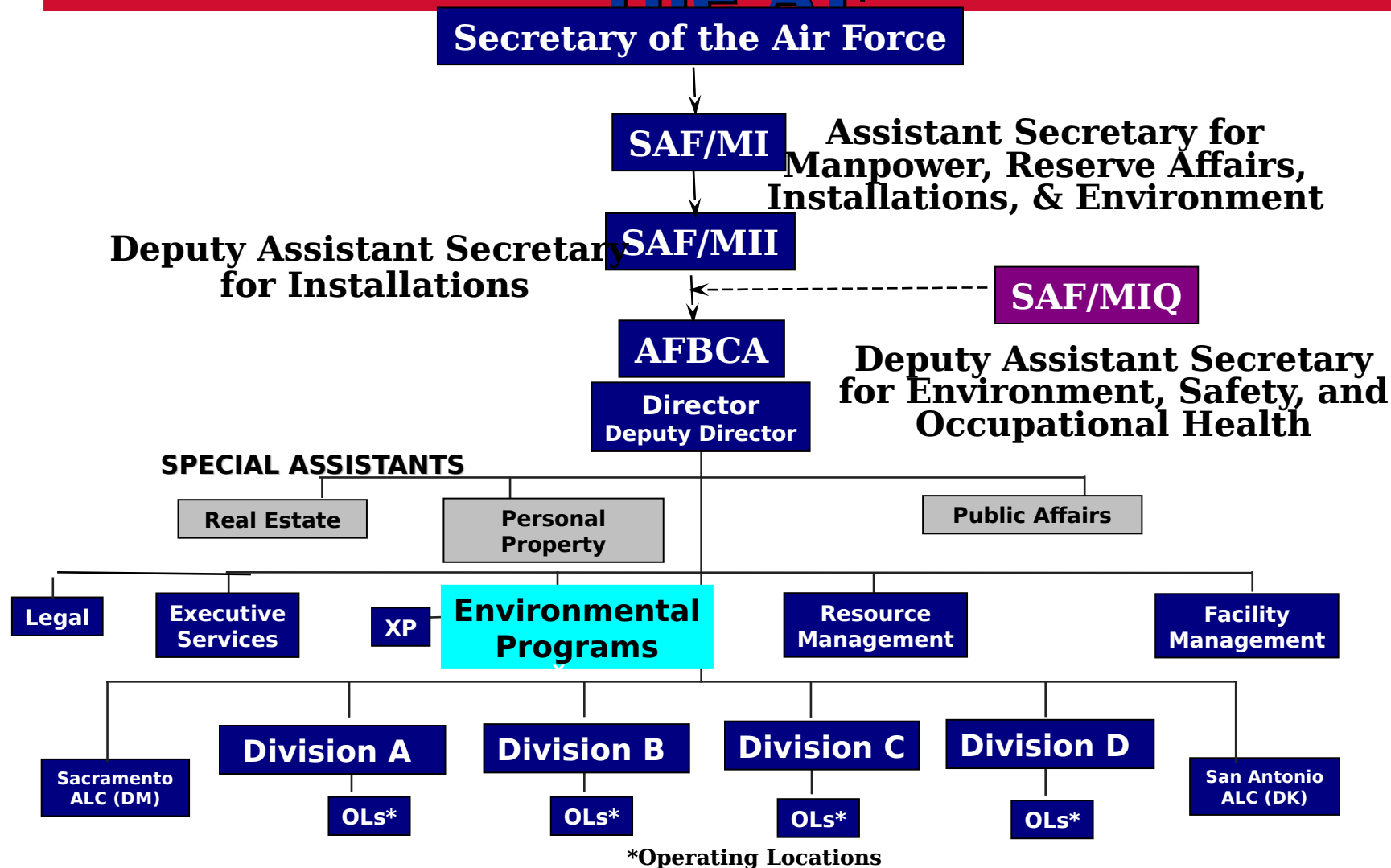
# ***BRAC Overview***

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- Who We Are: “Today & in the Future”
- Program Measures of Merit
- BRAC Focus: “Near Term & Long Term”
- Program Initiatives
- Involvement Opportunities



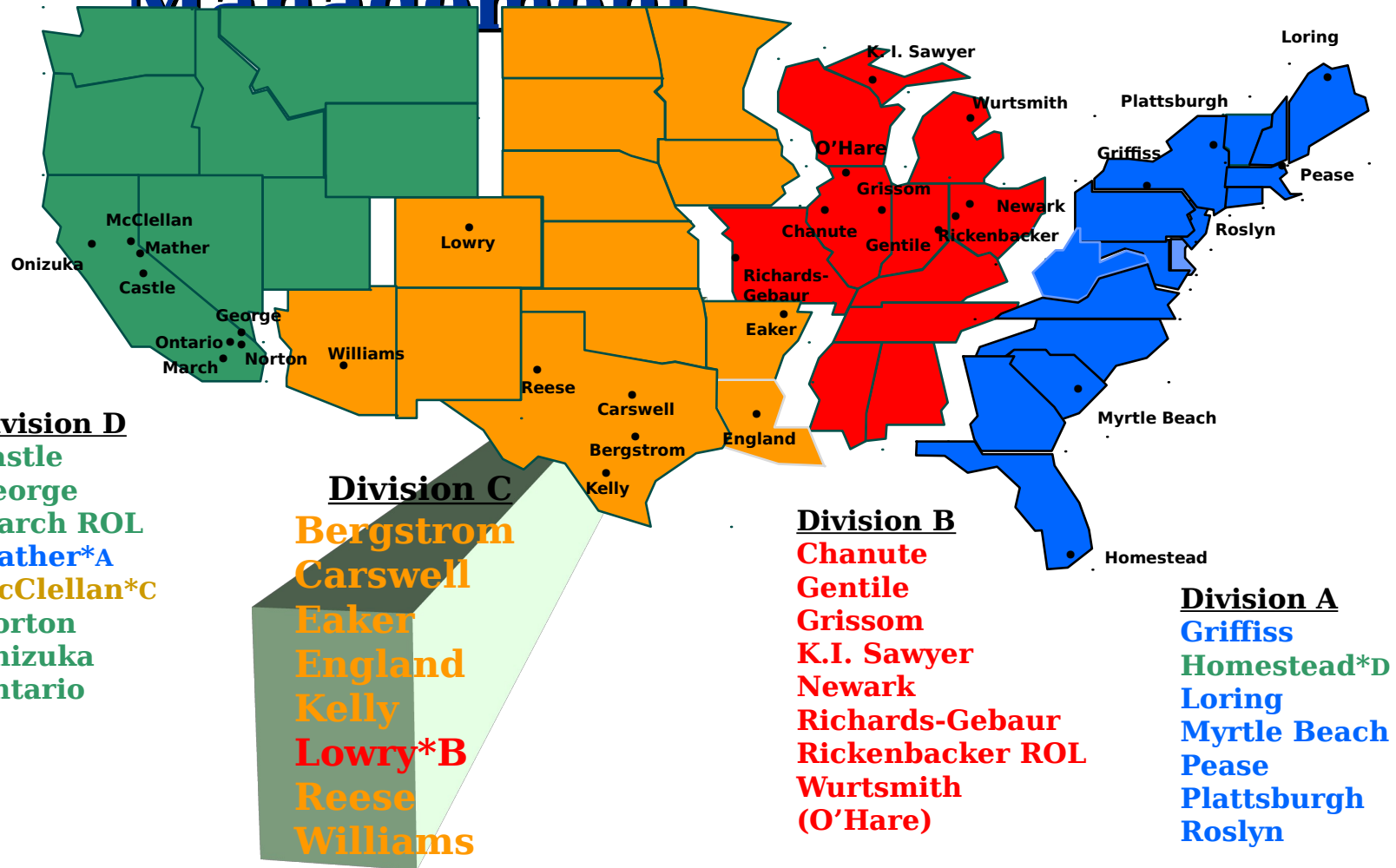
# AFBCA: Where We Fit Into the AF



\*Operating Locations

# AFBCA Program

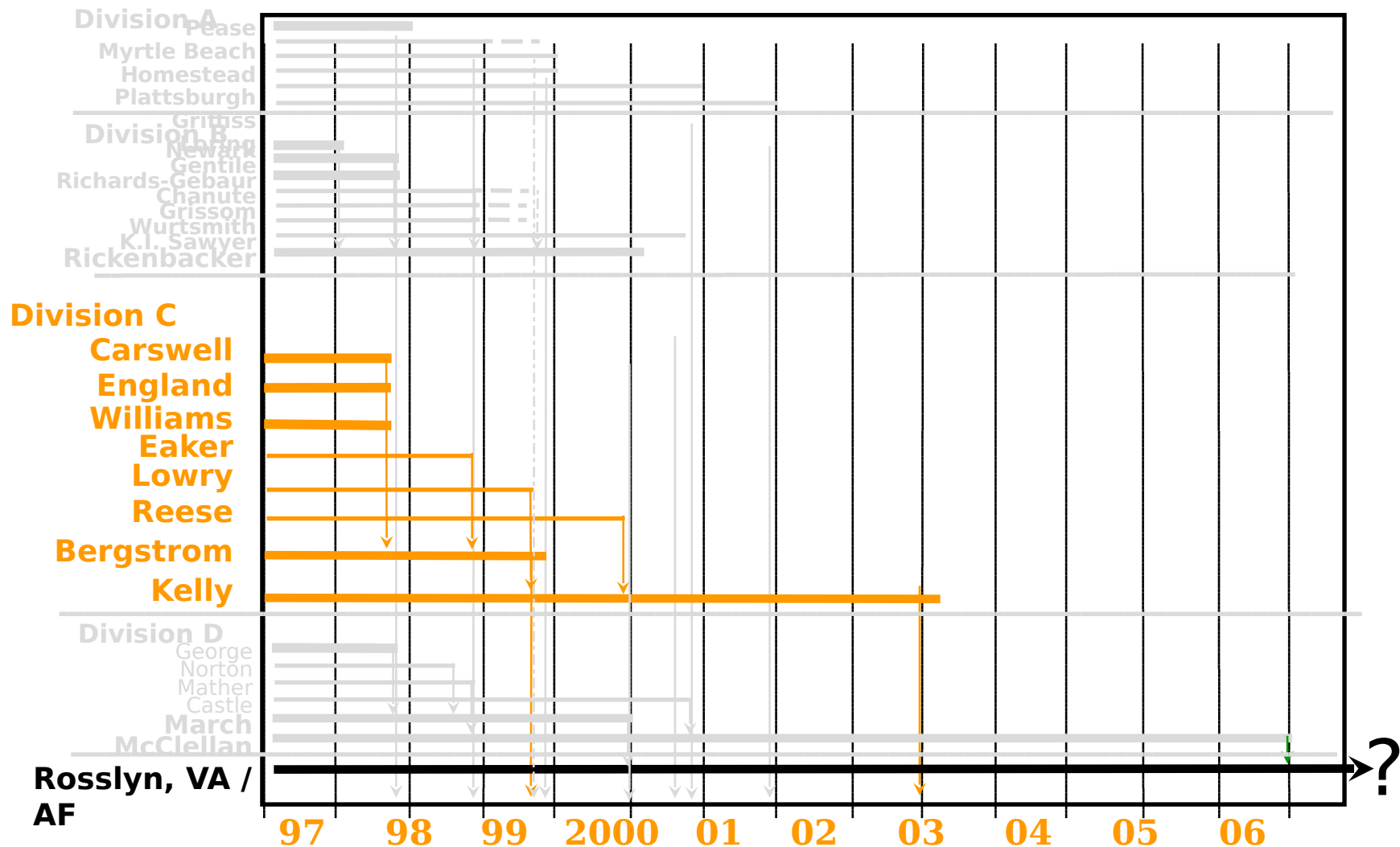
## Management



Note: \* Temporarily Remains With Existing Division As Noted



# BCA Regionalization/OL Consolidation Plan



# Defense Planning Guide (DPG) Goal Matrix

| <u>DPG</u><br>ACRES | <u>GOAL</u><br>By the end of FY01, 75% of acres in categories 5, 6, & 7 will be suitable for transfer from the environmental perspective. | <u>PERCENT</u><br>Pending | <u>VALUE</u><br>Pending |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| ACRES               | By the end of FY05, 100% of acres in categories 5, 6, and 7 suitable for transfer from the environmental perspective.                     | Pending                   | 29 of 30 Installations  |
| Installations       | By the end of FY01, 75% of installations will have remedial systems in place or response complete for all sites.                          | 77%                       | 23 of 30 Installations  |
| Installations       | By the end of FY05, 100% of installations will have remedial systems in place or response complete for all sites.                         | 97%                       | 29 of 30 Installations  |
| Sites               | By the end of FY01, 90% of all sites will have remedial systems in place or response complete                                             | 74.6%                     | 1,158 of 1,551 Sites    |
| Sites               | By the end of FY05, 100% of all sites will have remedial systems in place or response complete                                            | 83.6%                     | 1,298 of 1,551 Sites    |



# Environmental Funding (\$000)

| <u>Bases</u>     | <u>FY00</u>   | <u>FY01</u>   | <u>FY02</u>   | <u>FY03</u>  | <u>FY04</u>   | <u>FY05</u>   | <u>FY06</u>  | <u>FY07</u>  | <u>Total</u>   |
|------------------|---------------|---------------|---------------|--------------|---------------|---------------|--------------|--------------|----------------|
| <b>Bergstrom</b> | 524           | 220           | 637           | 550          | 550           | 250           | 250          | 250          | <b>3,231</b>   |
| <b>Carswell</b>  | 396           | 50            | 50            | 50           | 50            | 50            | 50           | 50           | <b>746</b>     |
| <b>Eaker</b>     | 1,162         | 519           | 519           | 319          | 449           | 449           | 100          | 0            | <b>3,517</b>   |
| <b>England</b>   | 725           | 323           | 323           | 323          | 350           | 350           | 350          | 350          | <b>3,094</b>   |
| <b>Kelly</b>     | 11,356        | 24,835        | 17,582        | 1,108        | 6,769         | 7,479         | 6,002        | 5,827        | <b>100,958</b> |
| <b>Reese</b>     | 2,531         | 2,552         | 2,525         | 2,525        | 2,525         | 2,525         | 2,525        | 2,525        | <b>20,233</b>  |
| <b>Total</b>     | <b>16,694</b> | <b>28,499</b> | <b>21,636</b> | <b>4,875</b> | <b>10,693</b> | <b>11,109</b> | <b>9,277</b> | <b>9,001</b> | <b>131,779</b> |



# Reuse = Job Creation

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BRAC  
Jobs

Reuse

88

99%

8,980

91

90%

13,460

93

30%

4,564

95

20%

# BRAC - - - ERA

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▣ **Both have the responsibility to protect Human Health & the Environment**

▣ **Disposal Mission (BRAC) Vs Flying Mission (ERA)**

- ▣ Jobs - Community
- ▣ Funding
- ▣ Operating Properly & Successfully (OPS)
- ▣ Land Use Controls
- ▣ FTE/DSMOA

AFBC  
A



# BRAC FOCUS: *Near Term*

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***“Work from the same sheet of music”***

- Participate
- Gantt scheduling
- Quarterly Reviews (Oct, Jan, Apr, Jul)
- Programming Review (00-07)
- Keep communicating

**We invite you to participate with us to**



# BRAC FOCUS: *Long Term*

## *(>12 Months)*

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### **“Plan/Program to Site Closeout”**

- ▢ **Roadmap to Site Closeout**
  - Requirements to Complete
  - Schedule to Complete
  - Cost to Complete
  
- ▢ **5 Year reviews**
  
- ▢ **OPS Demonstrations**
  
- ▢ **FTE/DSMOA**



# Site Closeout Toolbox

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- ▲ **Site Closeout Guidance, Nov 98**
  - Recognized by DoD, EPA & States
- ▲ **Site Closeout Web Site, Nov 98**
  - ▢ Contains policy, guidance & examples
  - ▢ [www.afbca.hq.af.mil/closeout/](http://www.afbca.hq.af.mil/closeout/)
- ▲ **Optimization of Cleanup Systems**
  - ▢ Co-Sponsored 1st National Conference, Jun 99
  - ▢ Remedy Performance Reviews, Fall 99
- ▲ **Site Closeout Toolbox , Fall 99**
  - ▢ Remedial Process Optimization Guide
  - ▢ Remedial Life Cycle Costing
  - ▢ Institutional Control Guidance/Strategy
- ▲ **Land Use Control/Institutional Control Management Strategy**



# Land Use Control/Institutional Control Management Strategy



## Land Use Control/Institutional Control Management Strategy

Available at: [www.afbca.hq.af.mil](http://www.afbca.hq.af.mil)

Draft Final

May 1999

FOR INTERNAL AFBCA USE ONLY



***Air Force Base Conversion Agency***

# Land Use Control/Institutional Control Management Strategy

## Table of

## Contents

- 1.0 Introduction**
- 2.0 Definitions**
- 3.0 Process for Selecting Institutional Controls**
- 4.0 Cleanup Scenarios**
- 5.0 Implementation of Land Use Controls/Institutional Controls in the RI/FS and Record of Decision**
- 6.0 Land Use Control/Institutional Control Management Strategy**



# Grantee's Use Restriction Pamphlet



## **Grantee's Use Restriction Pamphlet**

**A Message to Owners of Property on  
Former Air Force Installations**



# Additional Program Initiatives

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- ▲ **Long Term Care of Landfills, Fall 99**
- ▲ **Site Closeout Assistance Visits, Fall 99**
  - Coordinated Schedules to Closeout
  - Cost to Complete
- ▲ **Optimization Technology Demos, Fall 99**
  - Pnuelog, Diffusion Samplers, Remote Sensors
- ▲ **WWW Access to Program & Performance Data, 2000**
  - Kelly, Reese, McClellan, Mather, Norton as Pilot
  - Access to Schedules & Remedial System Performance
- ▲ **Post Remedy Documentation Guide, 2000**
  - Provide more consistency in terminology and content
- ▲ **Remedial Systems Inventory, Mid 2000**



# Site Closeout Decision Support Tools

## WWW Access

**Air Force Base Conversion Agency  
Management Information System**

Real Estate   Environmental   Financial

Plans / Programs

**Decision Support Tool Bar**

Gantt Chart   Quarterly Brief   IPR Package   Exception Report   Program Requirements Abstracts   BCP

Management Information System (MIS) Conversion Agency (AFBCA). Release of this information or access to the AFBCA MIS is prohibited without the express permission of the Director, AFBCA.

For further information contact:  
Tom King, AFBCA/ESS (703) 696-5515  
Gary Shoemaker, AFBCA/XP (703) 696-5550

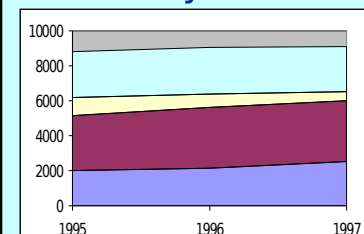
Developed by:  
Parsons Engineering Science, Inc.

Version 1.01 13-Oct-98

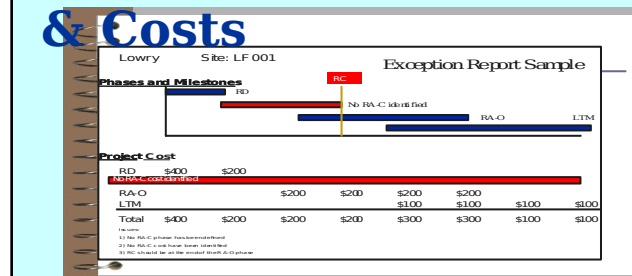
## Remedial Systems

|                          |              |              |              |              |              |
|--------------------------|--------------|--------------|--------------|--------------|--------------|
| Direct Labor             | \$ 37.96     | \$ 25.58     | \$ 17.55     | \$ 13.74     |              |
| Burdened (2.25 multiple) | \$ 85.40     | \$ 57.56     | \$ 39.48     | \$ 30.91     |              |
| Fee 8%                   | \$ 92.24     | \$ 62.16     | \$ 42.64     | \$ 33.39     |              |
| Hours                    | 10,500       | 20,925       | 16,250       | 7,325        | 55,000       |
| Total Cost               | \$ 968,473   | \$ 1,300,796 | \$ 692,846   | \$ 244,552   | \$ 3,206,666 |
| Average Hourly           |              |              |              | \$ 58.30     |              |
| Total Labor Cost         | \$ 2,427,503 | \$ 3,381,699 | \$ 1,983,910 | \$ 725,269   | \$ 8,518,381 |
| Other Direct Cost        |              |              |              | \$ 558,863   | 525,000      |
| Travel Cost              |              |              |              | \$ 745,150   | 700,000      |
| Total                    |              |              |              | \$ 9,822,394 | 350,000      |

## Remedy



## Site Closeout Projects & Costs



## Site Closeout Schedules

| ID | Site Name       | Site ID | Duration | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|----|-----------------|---------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 4  | Drainage Pond 1 | DP001   | 654      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 5  | Drainage Pond 1 | DP001   | 3154     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 6  | Drainage Pond 1 | DP001   | 434      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 7  | Drainage Pond 1 | DP001   | 04       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 8  | Drainage Pond 1 | DP001   | 04       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 9  | Drainage Pond 1 | DP001   | 444      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 10 | Drainage Pond 1 | DP001   | 664      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 11 | Drainage Pond 1 | DP001   | 04       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 12 | Drainage Pond 1 | DP001   | 2044     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 13 | Drainage Pond 1 | DP001   | 04       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 14 | Drainage Pond 1 | DP001   | 4434     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 15 | Drainage Pond 1 | DP001   | 04       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 16 | Drainage Pond 2 | DP002   | 7914     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 17 | Drainage Pond 2 | DP002   | 654      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

# Involvement Opportunities

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# AFBCA Quarterly Reviews

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- **Purpose is to review site level information, milestones status and financial execution**
- **Regulatory involvement is welcome ( Can be facilitated by phone)**
- **Quarterly Schedule for FY 2000:**
  - **October 18-29, 1999**
  - ▮ **January 18-28, 2000**
  - ▮ **April 10-21, 2000**
  - ▮ **July 17-28, 2000**



# AFBCA July 1999 Quarterly Progress Report

| Installation                                                                                                                           | IRP Sites | LRIP Date (FY98 EOY/July 1999) | DoD Progress Measures | Data Management | Program Execution | Overall Assessment |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------|-----------------------|-----------------|-------------------|--------------------|
| Bergstrom                                                                                                                              | 30        | 1999/1999                      |                       |                 |                   |                    |
| Eaker                                                                                                                                  | 12        | 1999/1999                      |                       |                 |                   |                    |
| Reese                                                                                                                                  | 13        | 1999/1999                      |                       |                 |                   |                    |
| Carswell                                                                                                                               | 10        | 2000/2000                      |                       |                 |                   |                    |
| England                                                                                                                                | 44        | 2000/2000                      |                       |                 |                   |                    |
| Kelly                                                                                                                                  | 35        | 2004/2004                      |                       |                 |                   |                    |
|                                                                                                                                        |           |                                |                       |                 |                   |                    |
|                                                                                                                                        |           |                                |                       |                 |                   |                    |
|                                                                                                                                        |           |                                |                       |                 |                   |                    |
| <b>EVALUATION FACTORS</b>                                                                                                              |           |                                |                       |                 |                   |                    |
| <b>DoD Progress Measures (30%):</b> meeting projected installation LRIP date; meeting FY98 site RIP and RC projections                 |           |                                |                       |                 |                   |                    |
| <b>Data Management (20%):</b> number of elapsed site phase and/or milestone dates and RMIS mid-year FY99 cost reporting exceptions     |           |                                |                       |                 |                   |                    |
| <b>Program Execution (50%):</b> obligation vs. agency goals; execution preparation; out of cycle projects; outyear program consistency |           |                                |                       |                 |                   |                    |
|                                                                                                                                        |           |                                |                       |                 |                   |                    |



# Site Closeout Focus In Regional Peer Reviews

- **Independent review of requirements, schedules, costs, & strategies to achieve site closeout!**
  - Review Bergstrom, Carswell, Eaker, England, Kelly, & Reese AFB
  - Conducted by AFCEE and its contractors
- **Regional Schedules**
  - Sacramento, CA; 6 - 10 Mar 2000 for BCA Div D Bases
  - San Antonio, TX; 1 - 5 May 2000 for BCA Div C Bases (EPA Reg VI)
  - Columbus, OH 12 - 16 Jun 2000 for BCA Div A & B
- **AFBCA will request Regulatory Agencies participation in reviewing site closeout schedules**



# Optimization Initiatives Planned in EPA Reg VI

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- **GW Remedial System Optimization for Zone 1  
Kelly AFB Zone 1**
- **Initial site visit mid Dec 1999**
- **Final report Jul 2000**
- **TNRCC and EPA participation will be solicited.**
- **Specific schedule TBD**



# Base Specific Information

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